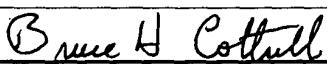
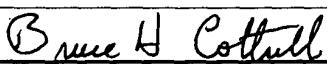
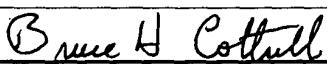
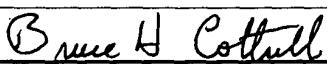
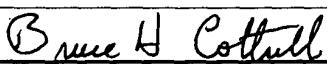
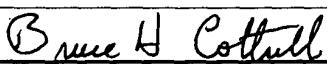


UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No.: S-100,646
		First Inventor or Application Identifier: F. Coyne Prenger
		Title: MAGNETIC PROCESS FOR REMOVING HEAVY METALS FROM WATER EMPLOYING MAGNETITES
		Express Mail Label No.: EU275461704US
APPLICATION ELEMENTS		ADDRESS TO: Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) <i>(submit an original and a duplicate for fee processing)</i>		6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>		7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ol style="list-style-type: none"> <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Specification Sequence Listing on: <ol style="list-style-type: none"> <input type="checkbox"/> CD-ROM or CD-R (2 copies); or <input type="checkbox"/> paper <input type="checkbox"/> Statement verifying identity of above copies
		ACCOMPANYING APPLICATION PARTS
4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C.113) [Total Sheets: 2] <input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal		8. <input type="checkbox"/> Assignment Papers (cover sheet & documentation)
5. <input checked="" type="checkbox"/> Declaration & Power of Attorney <i>[Total Pages: 3]</i> <ol style="list-style-type: none"> <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R.§.63(d)) <i>(for continuation/divisional with Box 16 completed)</i> <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b). 		9. <input type="checkbox"/> 37 C.F.R.§3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)
		10. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations
		11. <input checked="" type="checkbox"/> Preliminary Amendment
		12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i>
		13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
		14. <input type="checkbox"/> Nonpublication Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i)
		15. <input type="checkbox"/> Other:
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. 09/776,608 Prior application information: Examiner: Chester T. Barry Group/Art Unit: 1724		
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can</u> only be relied upon when a portion has been inadvertently omitted from the submitted application parts.		
16. CORRESPONDENCE ADDRESS		
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		OR <input type="checkbox"/> Correspondence Address Below <i>(Insert Customer No. or Attach Bar Code Label here)</i>
Name: Bruce H. Cottrell Address: Los Alamos National Laboratory, LC/IP, MS A187 City: Los Alamos State: New Mexico Zip Code: 87545 Country: United States Telephone: (505) 667-9168 Fax: (505) 665-4424		
Name: Bruce H. Cottrell		Registration No.: 30,620
Signature: <i>Bruce H. Cottrell</i>		Date: July 22, 2003

03807 U.S. PTO
 10/625763
 07/22/03



FEET TRANSMITTAL For FY 2003		Complete if Known																																																																																																																																																																																																																																																																	
<small>Patent fees are subject to annual revision (submit an original and a duplicate for fee processing)</small>		Application Number: 10/625763 Filing Date: July 22, 2003 First Named Inventor: F. Coyne Prenger Examiner Name: U. S. P. S. Group/Art Unit: 22 Attorney Docket No.: S-100,646																																																																																																																																																																																																																																																																	
METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																																																																																																	
<input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$130</td><td>\$65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>\$50</td><td>\$25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>\$2,520</td><td>\$2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>\$410</td><td>\$205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>\$930</td><td>\$465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>\$1,450</td><td>\$725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>\$1,970</td><td>\$985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>\$280</td><td>\$140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Terminal Disclaimer</td><td></td></tr> <tr><td>\$1,300</td><td>\$650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>\$130</td><td>\$130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>\$50</td><td>\$50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>\$180</td><td>\$180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Filing a submission after final rejection (37 CFR 1.129 (a))</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>\$100</td><td>\$100</td><td>Certificate of Correction</td><td></td></tr> <tr><td>\$300</td><td>\$300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td colspan="4" style="text-align: center;">Other fee (specify) _____</td></tr> <tr> <td colspan="2" style="text-align: center;">FEE CALCULATION</td> <td colspan="2" style="text-align: center;">SUBTOTAL (1) \$375.00</td> </tr> <tr> <td colspan="2"> 1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$750</td><td>\$375</td><td>Utility filing fee</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>\$160</td><td>\$80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="2" style="text-align: right;">SUBTOTAL (1)</td><td style="text-align: right;">\$375.00</td><td></td></tr> </tbody> </table> </td> <td colspan="2"> 3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$130</td><td>\$65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>\$50</td><td>\$25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>\$2,520</td><td>\$2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>\$410</td><td>\$205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>\$930</td><td>\$465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>\$1,450</td><td>\$725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>\$1,970</td><td>\$985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>\$280</td><td>\$140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Terminal Disclaimer</td><td></td></tr> <tr><td>\$1,300</td><td>\$650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>\$130</td><td>\$130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>\$50</td><td>\$50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>\$180</td><td>\$180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Filing a submission after final rejection (37 CFR 1.129 (a))</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>\$100</td><td>\$100</td><td>Certificate of Correction</td><td></td></tr> <tr><td>\$300</td><td>\$300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td colspan="4" style="text-align: center;">Other fee (specify) _____</td></tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL (1) \$375.00</td> <td colspan="2" style="text-align: center;">SUBTOTAL (3) \$</td> </tr> <tr> <td colspan="4" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 1</td> <td colspan="2" style="text-align: right;">\$375.00</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 2</td> <td colspan="2" style="text-align: right;">\$ 18.00</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 3</td> <td colspan="2" style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL AMOUNT OF PAYMENT</td> <td colspan="2" style="text-align: right;">\$393.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBMITTED BY</td> </tr> <tr> <td colspan="3">Printed Name: Bruce H. Cottrell</td> <td>Complete (if applicable)</td> </tr> <tr> <td>Signature: </td> <td>Date: 07/22/03</td> <td>Reg. No. 30,620</td> <td>Telephone (505) 667-9168</td> </tr> </tbody></table></td> </tr> </tbody></table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$130	\$65	Surcharge - late filing fee or oath		\$50	\$25	Surcharge - late provisional filing fee or cover sheet		\$2,520	\$2,520	For filing a request for reexamination		\$110	\$55	Extension for reply within first month		\$410	\$205	Extension for reply within second month		\$930	\$465	Extension for reply within third month		\$1,450	\$725	Extension for reply within fourth month		\$1,970	\$985	Extension for reply within fifth month		\$320	\$160	Notice of Appeal		\$320	\$160	Filing a brief in support of an appeal		\$280	\$140	Request for oral hearing		\$110	\$55	Petition to revive - unavoidable		\$110	\$55	Terminal Disclaimer		\$1,300	\$650	Petition to revive - unintentional		\$130	\$130	Petitions to the Commissioner		\$50	\$50	Petitions related to provisional applications		\$180	\$180	Submission of Information Disclosure Statement		\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))		\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))		\$100	\$100	Certificate of Correction		\$300	\$300	Publication fee for early, voluntary, or normal publication		\$750	\$375	Request for Continued Examination (RCE)		Other fee (specify) _____				FEE CALCULATION		SUBTOTAL (1) \$375.00		1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$750</td><td>\$375</td><td>Utility filing fee</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>\$160</td><td>\$80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="2" style="text-align: right;">SUBTOTAL (1)</td><td style="text-align: right;">\$375.00</td><td></td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$750	\$375	Utility filing fee		\$750	\$375	Reissue filing fee		\$160	\$80	Provisional filing fee		SUBTOTAL (1)		\$375.00		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$130</td><td>\$65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>\$50</td><td>\$25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>\$2,520</td><td>\$2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>\$410</td><td>\$205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>\$930</td><td>\$465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>\$1,450</td><td>\$725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>\$1,970</td><td>\$985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>\$280</td><td>\$140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Terminal Disclaimer</td><td></td></tr> <tr><td>\$1,300</td><td>\$650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>\$130</td><td>\$130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>\$50</td><td>\$50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>\$180</td><td>\$180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Filing a submission after final rejection (37 CFR 1.129 (a))</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>\$100</td><td>\$100</td><td>Certificate of Correction</td><td></td></tr> <tr><td>\$300</td><td>\$300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td colspan="4" style="text-align: center;">Other fee (specify) _____</td></tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL (1) \$375.00</td> <td colspan="2" style="text-align: center;">SUBTOTAL (3) \$</td> </tr> <tr> <td colspan="4" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 1</td> <td colspan="2" style="text-align: right;">\$375.00</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 2</td> <td colspan="2" style="text-align: right;">\$ 18.00</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 3</td> <td colspan="2" style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL AMOUNT OF PAYMENT</td> <td colspan="2" style="text-align: right;">\$393.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBMITTED BY</td> </tr> <tr> <td colspan="3">Printed Name: Bruce H. Cottrell</td> <td>Complete (if applicable)</td> </tr> <tr> <td>Signature: </td> <td>Date: 07/22/03</td> <td>Reg. No. 30,620</td> <td>Telephone (505) 667-9168</td> </tr> </tbody></table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$130	\$65	Surcharge - late filing fee or oath		\$50	\$25	Surcharge - late provisional filing fee or cover sheet		\$2,520	\$2,520	For filing a request for reexamination		\$110	\$55	Extension for reply within first month		\$410	\$205	Extension for reply within second month		\$930	\$465	Extension for reply within third month		\$1,450	\$725	Extension for reply within fourth month		\$1,970	\$985	Extension for reply within fifth month		\$320	\$160	Notice of Appeal		\$320	\$160	Filing a brief in support of an appeal		\$280	\$140	Request for oral hearing		\$110	\$55	Petition to revive - unavoidable		\$110	\$55	Terminal Disclaimer		\$1,300	\$650	Petition to revive - unintentional		\$130	\$130	Petitions to the Commissioner		\$50	\$50	Petitions related to provisional applications		\$180	\$180	Submission of Information Disclosure Statement		\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))		\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))		\$100	\$100	Certificate of Correction		\$300	\$300	Publication fee for early, voluntary, or normal publication		\$750	\$375	Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (1) \$375.00		SUBTOTAL (3) \$		Reduced by Basic Filing Fee Paid				SUBTOTAL FROM 1		\$375.00		SUBTOTAL FROM 2		\$ 18.00		SUBTOTAL FROM 3		\$		TOTAL AMOUNT OF PAYMENT		\$393.00		SUBMITTED BY				Printed Name: Bruce H. Cottrell			Complete (if applicable)	Signature: 	Date: 07/22/03	Reg. No. 30,620	Telephone (505) 667-9168
Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid																																																																																																																																																																																																																																																																
\$130	\$65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																	
\$50	\$25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																	
\$2,520	\$2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																	
\$110	\$55	Extension for reply within first month																																																																																																																																																																																																																																																																	
\$410	\$205	Extension for reply within second month																																																																																																																																																																																																																																																																	
\$930	\$465	Extension for reply within third month																																																																																																																																																																																																																																																																	
\$1,450	\$725	Extension for reply within fourth month																																																																																																																																																																																																																																																																	
\$1,970	\$985	Extension for reply within fifth month																																																																																																																																																																																																																																																																	
\$320	\$160	Notice of Appeal																																																																																																																																																																																																																																																																	
\$320	\$160	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																	
\$280	\$140	Request for oral hearing																																																																																																																																																																																																																																																																	
\$110	\$55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																	
\$110	\$55	Terminal Disclaimer																																																																																																																																																																																																																																																																	
\$1,300	\$650	Petition to revive - unintentional																																																																																																																																																																																																																																																																	
\$130	\$130	Petitions to the Commissioner																																																																																																																																																																																																																																																																	
\$50	\$50	Petitions related to provisional applications																																																																																																																																																																																																																																																																	
\$180	\$180	Submission of Information Disclosure Statement																																																																																																																																																																																																																																																																	
\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))																																																																																																																																																																																																																																																																	
\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																	
\$100	\$100	Certificate of Correction																																																																																																																																																																																																																																																																	
\$300	\$300	Publication fee for early, voluntary, or normal publication																																																																																																																																																																																																																																																																	
\$750	\$375	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																																																																																																			
FEE CALCULATION		SUBTOTAL (1) \$375.00																																																																																																																																																																																																																																																																	
1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$750</td><td>\$375</td><td>Utility filing fee</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>\$160</td><td>\$80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="2" style="text-align: right;">SUBTOTAL (1)</td><td style="text-align: right;">\$375.00</td><td></td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$750	\$375	Utility filing fee		\$750	\$375	Reissue filing fee		\$160	\$80	Provisional filing fee		SUBTOTAL (1)		\$375.00		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$130</td><td>\$65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>\$50</td><td>\$25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>\$2,520</td><td>\$2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>\$410</td><td>\$205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>\$930</td><td>\$465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>\$1,450</td><td>\$725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>\$1,970</td><td>\$985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>\$280</td><td>\$140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Terminal Disclaimer</td><td></td></tr> <tr><td>\$1,300</td><td>\$650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>\$130</td><td>\$130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>\$50</td><td>\$50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>\$180</td><td>\$180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Filing a submission after final rejection (37 CFR 1.129 (a))</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>\$100</td><td>\$100</td><td>Certificate of Correction</td><td></td></tr> <tr><td>\$300</td><td>\$300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td colspan="4" style="text-align: center;">Other fee (specify) _____</td></tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL (1) \$375.00</td> <td colspan="2" style="text-align: center;">SUBTOTAL (3) \$</td> </tr> <tr> <td colspan="4" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 1</td> <td colspan="2" style="text-align: right;">\$375.00</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 2</td> <td colspan="2" style="text-align: right;">\$ 18.00</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL FROM 3</td> <td colspan="2" style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL AMOUNT OF PAYMENT</td> <td colspan="2" style="text-align: right;">\$393.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBMITTED BY</td> </tr> <tr> <td colspan="3">Printed Name: Bruce H. Cottrell</td> <td>Complete (if applicable)</td> </tr> <tr> <td>Signature: </td> <td>Date: 07/22/03</td> <td>Reg. No. 30,620</td> <td>Telephone (505) 667-9168</td> </tr> </tbody></table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$130	\$65	Surcharge - late filing fee or oath		\$50	\$25	Surcharge - late provisional filing fee or cover sheet		\$2,520	\$2,520	For filing a request for reexamination		\$110	\$55	Extension for reply within first month		\$410	\$205	Extension for reply within second month		\$930	\$465	Extension for reply within third month		\$1,450	\$725	Extension for reply within fourth month		\$1,970	\$985	Extension for reply within fifth month		\$320	\$160	Notice of Appeal		\$320	\$160	Filing a brief in support of an appeal		\$280	\$140	Request for oral hearing		\$110	\$55	Petition to revive - unavoidable		\$110	\$55	Terminal Disclaimer		\$1,300	\$650	Petition to revive - unintentional		\$130	\$130	Petitions to the Commissioner		\$50	\$50	Petitions related to provisional applications		\$180	\$180	Submission of Information Disclosure Statement		\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))		\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))		\$100	\$100	Certificate of Correction		\$300	\$300	Publication fee for early, voluntary, or normal publication		\$750	\$375	Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (1) \$375.00		SUBTOTAL (3) \$		Reduced by Basic Filing Fee Paid				SUBTOTAL FROM 1		\$375.00		SUBTOTAL FROM 2		\$ 18.00		SUBTOTAL FROM 3		\$		TOTAL AMOUNT OF PAYMENT		\$393.00		SUBMITTED BY				Printed Name: Bruce H. Cottrell			Complete (if applicable)	Signature: 	Date: 07/22/03	Reg. No. 30,620	Telephone (505) 667-9168																																																																																																								
Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid																																																																																																																																																																																																																																																																
\$750	\$375	Utility filing fee																																																																																																																																																																																																																																																																	
\$750	\$375	Reissue filing fee																																																																																																																																																																																																																																																																	
\$160	\$80	Provisional filing fee																																																																																																																																																																																																																																																																	
SUBTOTAL (1)		\$375.00																																																																																																																																																																																																																																																																	
Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid																																																																																																																																																																																																																																																																
\$130	\$65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																	
\$50	\$25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																	
\$2,520	\$2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																	
\$110	\$55	Extension for reply within first month																																																																																																																																																																																																																																																																	
\$410	\$205	Extension for reply within second month																																																																																																																																																																																																																																																																	
\$930	\$465	Extension for reply within third month																																																																																																																																																																																																																																																																	
\$1,450	\$725	Extension for reply within fourth month																																																																																																																																																																																																																																																																	
\$1,970	\$985	Extension for reply within fifth month																																																																																																																																																																																																																																																																	
\$320	\$160	Notice of Appeal																																																																																																																																																																																																																																																																	
\$320	\$160	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																	
\$280	\$140	Request for oral hearing																																																																																																																																																																																																																																																																	
\$110	\$55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																	
\$110	\$55	Terminal Disclaimer																																																																																																																																																																																																																																																																	
\$1,300	\$650	Petition to revive - unintentional																																																																																																																																																																																																																																																																	
\$130	\$130	Petitions to the Commissioner																																																																																																																																																																																																																																																																	
\$50	\$50	Petitions related to provisional applications																																																																																																																																																																																																																																																																	
\$180	\$180	Submission of Information Disclosure Statement																																																																																																																																																																																																																																																																	
\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))																																																																																																																																																																																																																																																																	
\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																	
\$100	\$100	Certificate of Correction																																																																																																																																																																																																																																																																	
\$300	\$300	Publication fee for early, voluntary, or normal publication																																																																																																																																																																																																																																																																	
\$750	\$375	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																																																																																																			
SUBTOTAL (1) \$375.00		SUBTOTAL (3) \$																																																																																																																																																																																																																																																																	
Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																																																			
SUBTOTAL FROM 1		\$375.00																																																																																																																																																																																																																																																																	
SUBTOTAL FROM 2		\$ 18.00																																																																																																																																																																																																																																																																	
SUBTOTAL FROM 3		\$																																																																																																																																																																																																																																																																	
TOTAL AMOUNT OF PAYMENT		\$393.00																																																																																																																																																																																																																																																																	
SUBMITTED BY																																																																																																																																																																																																																																																																			
Printed Name: Bruce H. Cottrell			Complete (if applicable)																																																																																																																																																																																																																																																																
Signature: 	Date: 07/22/03	Reg. No. 30,620	Telephone (505) 667-9168																																																																																																																																																																																																																																																																



memorandum

Office of the Director

To/MS: Frank P. Dickson, LC, A183
Ray G. Wilson, LC, A187
From/MS: John C. Browne, DIR, A100
Phone/FAX: 7-5101/7-2997 *JCB*
Symbol: DIR-02-096
Date: April 2, 2002

Subject: Reassignment of Responsibility – Authority to Execute Patent Related Documents

Under the authority provided me as Director of Los Alamos National Laboratory, I am hereby reassigning to each of you as Laboratory Counsel and Office Leader for Intellectual Property the authority to execute on behalf of the University certain documents relating to patents and other intellectual property matters. This memorandum vests you with power of attorney and authority to execute documents relating to patent and intellectual property matters arising from the University's management of the Los Alamos National Laboratory.

Your authority to execute patent-related documents includes, but is not necessarily limited to authority to execute patent evaluation documents, documents related to the patenting process administered by the U.S. Patent and Trademark Office and other governments' patent agencies, elections to retain title to subject inventions, petitions to DOE for waiver of title to subject inventions, patent assignment forms, patent rights clauses not involving licensing of subject inventions, and releases of University rights in subject inventions to inventors. However, your right to execute patent-related documents does not include the right to execute patent licenses, which I have retained, or the right to execute confidentially or nondisclosure agreements on behalf of the University or the Laboratory, which has been assigned to the Industrial Business Development Office.

The authority to execute patent-related documents granted to you is subject to the restrictions set forth in this memorandum and on any limitations on my authority imposed by the University. In particular, you may not execute releases of subject inventions to inventors without my prior express approval. Before such approval will be granted, I will need to have memorandum setting forth the reasons why it should be granted.

JCB:FPD:mam

Cy: Joseph P. Mullinix, Sr. Vice President, Business and Finance, UC, Oakland, CA
Jeanne L. Gardner, Special Assistant, Business and Finance, UC, Oakland, CA
James E. Holst, General Counsel, UC/OGC, Oakland, CA
Leigh Trivette, Secretary of The Regents, UC, Oakland, CA
Donna M. Smith, IBD, MS C334